[42898]

#2/A m/D PATENT 11/9/92

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Malcolm J. Simons

Assignee: GeneType AG

Title: "INTRON SEQUENCE ANALYSIS METHOD FOR DETECTION OF ADJACENT AND REMOTE LOCUS ALLELES AS HAPLOTYPES"

Serial No. Filed: herewith

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San Jose, California
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THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the examination, please amend the application as follows.

In the Claims

Please amend the claims as follows.

Sub A1 E1

1. (Amended) A method for detection of at least one coding region allele of a multi-allelic genetic locus [comprising] amplifying genomic DNA with a [an intron-spanning] primer pair that spans a non-coding region sequence, said primer pair defining [that defines] a DNA sequence which is [, said DNA sequence being] in genetic linkage with said genetic locus and contains [containing] a sufficient number of non-coding region [intron] sequence nucleotides to produce an amplified DNA sequence characteristic of said allele.

2. (Amended) The method of Claim 1 wherein said amplified DNA sequence includes at least about 300 nucleotides corresponding to non-coding region [intron] sequences.

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